

```
#include <stdio.h>

#include <stdlib.h>

#include <string.h>


#define MAX_LINE 1024


int main() {

    char filename[100], pattern[100], line[MAX_LINE];


    // Get the pattern and file name from user
    printf("Enter the file name: ");
    scanf("%s", filename);

    printf("Enter the search pattern: ");
    scanf("%s", pattern);


    // Open file for reading
    FILE *fp = fopen(filename, "r");
    if (fp == NULL) {
        perror("Error opening file");
        return 1;
    }

    printf("\nLines containing '%s':\n\n", pattern);


    // Read each line and search for the pattern
    while (fgets(line, MAX_LINE, fp)) {
        if (strstr(line, pattern) != NULL) {
```

```
        printf("%s", line);  
    }  
}  
  
fclose(fp);  
  
return 0;  
}
```

```
Enter the file name: data.txt  
Enter the search pattern: world  
Error opening file: No such file or directory  
  
...Program finished with exit code 1  
Press ENTER to exit console.█
```